

Question Bank**DN GR BNSL****Section I: Diseases of Ear****CHAPTER 1
ANATOMY OF EAR****Long Essay**

- Describe briefly the anatomy of the middle ear cleft with a suitable labeled diagram. 5 7 J12(RS2), D18(RS3)

Short Essays

- Describe the normal tympanic membrane. Draw neat labeled diagram (of right side). 3 6 J04, J06, J12
- Anatomy of the middle ear cleft with diagram. 5 7 J11(RS2), D15(RS3), D16(RS3), J19(RS3), D05, J14

- Surgical anatomy of medial wall of the middle ear (draw a labeled diagram). 6 9 J08
- Middle ear contents and their functions. 9 10 D07(RS2)

Short Answers

- Pinna—nerve supply. 3 4 J12, D13
- Tympanic membrane—anatomy/ labeled diagram (left/right). 3 6 J16(RS3), J10, D10
- Nerve supply of external auditory canal (external ear). 5 6 D11(RS2), J19(RS3), D08, J13
- Middle ear cleft and its contents. 5 7 J02, J17
- Draw labeled diagram of medial wall of middle ear. 7 10 D07
- Macewen's triangle. 7 12 D13(RS2), D14(RS3), J19(RS3), D13, J14, J16

- Enumerate the cells of the mastoid air cell system. 7 13 D12
- Intratympanic muscles (nerve supply). 9 11 J15(RS3)

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- Stapedius muscle. 9 11 J12
- Tympanic plexus. 9 11 D09(RS2), J11, D14

**CHAPTER 2
PERIPHERAL RECEPTORS AND
PHYSIOLOGY OF AUDITORY AND
VESTIBULAR SYSTEM****Long Essay**

- Describe the physiology and mechanism of hearing. 15 24 D07(RS2)

Short Essays

- Theories of hearing. — — J11(RS2), D16(RS3)
- Organ of Corti. 15 16 J12(RS2), J13(RS3)
- Physiology of hearing. 15 24 D15
- Middle ear—impedance matching mechanism/transformer mechanism. 16 25 J15(RS3), J06, D13
- Role of cochlea in hearing. 17 17 D05
- Physiology of equilibrium. 20 28 D16

Short Answers

- Discuss the theories of hearing. — — J14(RS2)
- Otitis. 18 — D14

**CHAPTER 3
AUDIOLOGY AND ACOUSTICS****Short Answer**

- Decibel. 21 39 D08

**CHAPTER 4
ASSESSMENT OF HEARING****Short Essays**

- How to assess a patient of hearing loss in outpatient department? 23 40 J10
- Tuning fork tests and their significance. 23 41 J19(RS3), D07, J08, D08, D14

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3. Rinne's test.	24	41	J10(RS2)
4. Pure tone audiometry (pure tone audiogram).	25	43	D11(RS2), J16(RS3), J16
5. Tympanometry.	26	46	D08(RS2), D18(RS3), D15
6. Brainstem evoked response audiometry (BERA).	29	48	D08(RS2)
7. Otoacoustic emissions.	29	49	J14(RS2)
Short Answers			
1. Tuning fork tests.	23	41	D07(RS2)
2. Rinne's test and its clinical significance.	24	41	D10(RS2), J11(RS2), D12(RS3), D16(RS3), D00, D03, J04, D04, J10
3. False-negative Rinne's test.	24	42	J14
4. Weber's test.	24	42	D14(RS3), J15(RS3), D19(RS3), D05, D02, D06, D13
5. Absolute bone conduction test.	24	43	J02, J16
6. Schwabach's test.	24	43	J16(RS3)
7. Bing's test.	24	43	J10(RS2)
8. Pure tone audiometry.	25	43	J09
9. Speech audiometry.	25	45	J09(RS2)
10. Tympanograms.	27	46	J18(RS3)
11. Acoustic reflex tests.	27	47	J17(RS3)

CHAPTER 5 HEARING LOSS

Long Essay

1. Discuss sound conducting mechanism in brief. Discuss the cause and principles of management of conductive hearing loss.

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Short Essays

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2. Classify hearing loss and enumerate the causes of conductive hearing loss.	31	51	J15
3. Conductive deafness (causes).	31	51	D08(RS2), D00, J01, D04
4. Tympanoplasty (classification).	31	438	D08, J11, D16
5. Sensorineural (SN) deafness—causes.	34	59	J03
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7. Noise-induced hearing loss.	36	63	D09(RS2), J13
8. Sudden SN hearing loss—causes and management.	38	64	D15(RS3), J17(RS3)
9. Sudden hearing loss (causes).	38	64	J05
10. Presbycusis (senile deafness)—management.	39	65	J14(RS2), J07, D10, J15
11. Unilateral sensorineural deafness.	41	59	D12
Short Answers			
1. Discuss prerequisite for successful type I tympanoplasty.	31	—	D07
2. Ototoxicity—prevention and management.	35	61	J16(RS3), D05, D06
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4. Sudden hearing loss.	38	64	J16(RS3)
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CHAPTER 6 ASSESSMENT OF VESTIBULAR FUNCTIONS

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2. Fistula test and its significance. 43 131 J09

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3. Hennebert's sign. 43 131 J10(RS2)
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5. Calore test and its significance. 45 133 J17(RS3), J01, J04, J07

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1. Benign paroxysmal positional vertigo—management. 47 136 D15(RS3), J17(RS3)

CHAPTER 8 DISEASES OF EXTERNAL EAR

Long Essay

1. Draw a labeled diagram of middle ear cleft. Discuss the etiology, symptomatology and management of malignant otitis externa. 6, 55 7, 92 D03, J16

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Short Essays

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2. Perichondritis of the pinna. 53 86 J19(RS3)
3. Otitis externa. 54 89 D16
4. Otitis externa. 55 90 J09(RS2), D19(RS3), D02, D07, J10, J12, D15

5. Malignant otitis externa (etiology, clinical features and management). 55 92 D10(RS2), J17(RS3), D17(RS3), D18(RS3), J02, D06, J09, D11, D13, J14

6. Aural syringing—indications, contraindication, procedure and complications. 56 91 J04, J08

7. Foreign body in external auditory canal—types, causes and management. 57 88 D03, J10

8. Keratosis obturans. 58 90 J02, D05, D11, D12, J16, J17

9. Traumatic perforation of the ear (tympanic membrane)—treatment. 59 94 J19(RS3), D03

Short Answers

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3. Otitis externa (organisms causing/ management). 55 90 D11(RS2), J17(RS3), J04, J06, J07, D10

4. Malignant otitis externa. 55 92 J10(RS2), J04, D08

5. Cerumen (wax)—management. 56 91 J01, J03, D06

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6. Aural syringing—indications.	56	—	J14
7. Foreign bodies in the ear.	57	88	J08(RS2)
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9. Traumatic perforation of tympanic membrane.	59	93	D09(RS2)
10. Tympanosclerosis.	59	93	D05, D13

CHAPTER 9 EUSTACHIAN TUBE AND ITS DISORDERS

Short Essays

1. Eustachian tube.	61	95	D16
2. Eustachian tube patency tests.	62	97	J10(RS2)

Short Answers

1. Eustachian tube.	61	95	D09(RS2)
2. Valsalva maneuver.	62	98	D05

CHAPTER 10 DISORDERS OF MIDDLE EAR

Long Essays

1. Acute suppurative otitis media—etiology, pathology, symptoms, signs, diagnosis and treatment.	67	101	D12(RS3), J15(RS3), J16(RS3), J19(RS3), D07, D08
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2. Enumerate the causes of conductive hearing loss with intact tympanic membrane. Describe the etiology, clinical features and management of serous otitis media (secretory otitis media/otitis media with effusion in a 4-year-old child).	32, 69	52, 106	J06, J15
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3. Nonsuppurative otitis media—etiology, pathology, clinical features, investigations and management.	71	105	J17
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Short Essays

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2. Secretory otitis media/otitis media with effusion/Glue ear—management.	69	105	D13(RS2), D01, D02, J05, J10, D10, J10, J11
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Short Answer

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CHAPTER 11 CHOLESTEATOMA AND CHRONIC SUPPURATIVE OTITIS MEDIA

Long Essays

1. Define cholesteatoma. Describe its classification, etiopathogenesis, clinical features and management of cholesteatoma.	73	110	J13(RS3), J17(RS3), J10, D13
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2. Enumerate the common causes of conductive deafness. Discuss in detail the etiology, pathology, clinical features and management of tubotympanic type of chronic suppurative otitis media.	32, 75	114	D11(RS2), J07
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3. What is cholesteatoma? Describe the etiology, pathology, clinical features and management of atticointral type of chronic suppurative otitis media. Discuss briefly the complications of atticointral disease.	73, 78, 83	110	D13(RS2), D01, J05, D14
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Short Essays

1. Cholesteatoma—etiopathogenesis (theories of formation of cholesteatoma), management.	73	110	D07(RS2), D10(RS2), D14(RS3), J18(RS3), J11, D14
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2. Draw neat labeled diagrams showing different types of perforations of the tympanic membrane.	77	110	D06
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DNGR BNSL**Short Answers**

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CHAPTER 12**COMPLICATIONS OF OTITIS MEDIA****Long Essays**

1. Enumerate the complications of otitis media. Discuss the management of atticocentral type of chronic suppurative otitis media (CSOM). 83, 80 118, 113 D12
2. Give an account of complications of CSOM and name the warning signs to detect such complications in a case of CSOM. 83 118 D11
3. Enumerate extracranial complications of chronic suppurative otitis media. Discuss any one in detail. 83 118 J09
4. Classify and enumerate the complications of suppurative otitis media. Discuss the clinical features and management of lateral sinus thrombophlebitis. 83, 92 118, 126 J04, D06
5. Discuss the etiology, clinical features, complications and management of acute (coalescent) mastoiditis. 84 118 J11(RS2), D15(RS3), D16(RS3), J13, J14

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6. Outline differences of acute mastoiditis with fununcle of external auditory canal (EAC). 86 120 D08
7. Acute mastoid abscess. 86 120 D10(RS2), J19(RS3)
8. Differential diagnosis of post-aural abscess. 86 121 J08(RS2)
9. Gradenigo's syndrome. 88 121 J12(RS2), J13(RS3), J09(RS2)
10. Lateral sinus thrombosis. 92 126 J09(RS2)

Short Answers

1. Mention extracranial complications of CSOM. 83 118 J01
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4. Fununculosis of ear. 86 120 D15
5. Bezold's abscess. 87 121 J12(RS2), J13(RS3)
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8. Giensinger's sign. 93 127 J11, D11
9. Otitic hydrocephalus. 93 127 D13

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1. Enumerate the causes of conductive deafness in a 15-year-old girl. Describe the etiology, pathology, clinical features, investigations and management of otosclerosis. 32, 95 52 D10(RS2), J14(RS2), J18(RS3), D19(RS3), J01, D02, J12, J16, D16

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1. Otosclerosis (otospongiosis)—define, investigations, management (surgical treatment). 95 52 D09(RS2), D14(RS3), D06
2. Carhart's notch. 96 55 D16

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Short Answers

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Short Answer

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2. Hearing aids. 135 76 D11(RS2), D14(RS3)
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Short Answer

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Short Essays

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2. Antrochoanal polyp. 193 210 J04
3. Ethmoidal polyp. 193 209 D03
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2. Subglottic stenosis.
3. Laryngeal web.
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2. Nerve supply of larynx.
3. Enumerate the causes of vocal cord paralysis. How do you investigate and manage a case of unilateral vocal cord paralysis.
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2. Vocal nodule (Singer's nodule/laryngeal nodules)—management.

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2. 'Hoarse voice'—causes (in a 55 year-old-male). 355 357 D07(RS2), D13
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1. Advantages of tracheostomy over endotracheal intubation. — — D06
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| 4. Enumerate causes of trismus. | 435 | 430 | D15(RS3),
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| 5. Laryngeal crepitus. | 437 | — | J08 |
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D00, D02,
D04, D13,
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| 1. Give differential diagnosis of lymph node in neck. | — | — | J08 |
| 2. Differential diagnosis of a midline neck swelling. | 445 | — | D12(RS3),
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5. Branchial cyst. 446 414 D18(RS3), J13

Short Answers

1. Causes of midline neck swelling. 445 — D19(RS3)
2. Thyroglossal cyst. 445 414 D15(RS3), J09
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Section X: Operative Surgery

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1. Myringotomy—indications, procedure and complications. 453 432 J02, D07

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**CHAPTER 80
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2. Enumerate the complications of tonsillitis.	489	454	J14
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2. Describe features of ideal tracheostomy tube. — 472 D07

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6. Give the differential diagnosis of unilateral nasal mass.	—	188	J02, J08
7. Mention the branches of external carotid artery.	—	—	J04
8. Indications and technique of microlaryngoscopy.	—	378	J05
9. TNM staging and its clinical application.	—	—	J06
10. Bronchopulmonary segments.	—	—	J08(RS2)
11. Precancerous conditions in ENT.	—	—	J08(RS2)
12. Anaerobic infection in ENT.	—	—	J18(RS3), J11
13. Occult primary.	—	—	J09(RS2)
14. Role of local anesthesia in oto-rhino-laryngology.	—	—	J09
15. Nasal decongestants.	—	—	D08(RS2)
16. Newer generation antihistaminics.	—	—	D08(RS2)
17. Dangerous area of the face.	—	—	J09(RS2)
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2. Thornwaldt's cyst.	510	291	D11
3. Sluder's neuralgia.	510	221	D11
4. Tracheostomy tubes—types, its advantages and disadvantages.	524	472	D11(RS2), D14(RS3), J18(RS3)
5. Symptoms of nasal disease.	—	185	D16
6. Symptoms of laryngeal diseases.	—	355	D16
7. Six causes of reddish mass in right nasal cavity.	—	188	D06
8. Prevention of iatrogenic laryngotracheal stenosis.	—	—	J06

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9. External carotid artery branches.	—	—	J09(RS2), D10
10. Carcinoma in-situ.	—	—	D09(RS2)
11. Post-nasal drip.	—	—	J10(RS2)
12. Mucociliary dyskinesia.	—	—	D10(RS2)
13. Cardiospasm.	—	—	D10
14. Compare indirect and direct laryngoscopy.	—	—	D10
15. Nasal decongestants.	—	—	D11(RS2)
16. Cold abscess of neck.	—	—	D12(RS3)
17. Leukotriene inhibitors.	—	—	D12